

# **NOTICE:**

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DOCUMENT ARE ILLEGIBLE**

The Administrative Record Staff



EG&G ROCKY FLATS, INC.  
ROCKY FLATS PLANT, P.O. BOX 464, GOLDEN, COLORADO 80402-0464 • (303) 966-7000

JUL 26 1990

1A152

JUL 25 1990

JWL-10-90

William P. Lynott  
Vice President & Denver Area Manager  
Roy F. Weston, Inc.  
215 Union Blvd., Suite 600  
Lakewood, Co. 80228

**UNCHARACTERIZED INVESTIGATIVE MATERIAL STORED IN DRUMS NEAR THE DECON PAD AT ROCKY FLATS PLANT**

On June 21, 1990 the Environmental Protection Agency (EPA) determined that there was incomplete documentation concerning the origin of investigative material (drill cuttings from boreholes) stored near the decon pad at the Rocky Flats Plant. Since August 1989 uncharacterized drill cuttings have been drummed and stored near the decon pad until the boreholes have been characterized. Standard operating procedures (SOPs) were in place at the time that detailed the documentation procedures necessary to properly accomplish this task.

In November of 1989 EG&G instructed Roy F. Weston, Inc. (Weston) to label the drums with sequential numbers. Weston responded by labeling all the drums present at the time in the storage area with ink marker. During the winter of 1989 - 1990 inspection by EG&G revealed that the information marked on the drums was fading and was hard to read. At that time Weston corrected the situation by permanently relabeling the drums with paint. The original markings on 6 drums had totally faded beyond recognition and in addition portions of the markings had also faded on a number of the drums.

In March EG&G requested a detailed drum inventory. In response Weston compiled a drum inventory log on March 16, 1990 that contained the date the drum was filled, the borehole from which the cuttings originated, the field engineer/geologist's initials, and the sequence number of the drum. A copy of the drum inventory log is attached.

Finally on June 21, 1990 the EPA determined that there was incomplete documentation concerning the origin of the material contained in the drums. Since the EPA determination, Weston has supplied EG&G with additional documentation that unfortunately has not clarified the origin of the uncharacterized material contained in the drums.

ADMIN RECORD

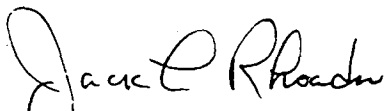
DOCUMENT CLASSIFICATION  
REVIEW WAIVER PER  
CLASSIFICATION OFFICE

JUL 25 1990

W.P.Lynott  
JWL-10-90

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At present there are a total of 25 drums that cannot be traced with proper documentation back to their source boreholes. Six of these drums are the drums that had totally faded original ink marker labels. These drums are: 22, 54, 55, 56, 60, and 62. In addition there are 19 other drums listed on the drum inventory log that have questionable or missing borehole entries. These drums are: 1, 2, 10, 19, 20, 57, 59, 65, 71, 73, 74, 78, 79, 80, 81, 85, 87, 88, and 89. Weston is directed to sample and characterize these 25 drums at once. The costs associated with this task are to be borne by Weston.

  
for J. M. Kersh, Associate General Manager  
Environmental Restoration & Waste Management

JMK:la

Attachment:  
As Stated

cc:  
M.B.Arndt  
P.Backes  
M.L.Brogden  
W.S.Busby  
J.E.Evered  
P.F.Folger  
T.C.Greengard  
J.W. Langman  
G.W. Litus  
G.L.Underberg

CLIENT/SUBJECT

Drum Inventory 3/16/90

W.O. NO. \_\_\_\_\_

TASK DESCRIPTION \_\_\_\_\_

TASK NO. \_\_\_\_\_

PREPARED BY KEM - S Y

DEPT \_\_\_\_\_

DATE \_\_\_\_\_

APPROVED BY

MATH CHECK BY \_\_\_\_\_

DEPT \_\_\_\_\_

DATE \_\_\_\_\_

11/21/89

METHOD REV. BY \_\_\_\_\_

DEPT \_\_\_\_\_

DATE \_\_\_\_\_

DEPT \_\_\_\_\_

DATE \_\_\_\_\_

<u>Drum No.</u>	<u>Name</u>	<u>Date</u>	<u>Well</u>
✓ 1	SPC	11/27/89	B2189-89
✓ 2	SPC	11/27/89	B2189-89
✓ 3	RDM	11/27/89	B318889 1/3
✓ 4	RDM	11/21/89	B318889 2/3
✓ 5	RDM	11/21/89	B318889 3/3
✓ 6		10/12/89	5789 BR
✓ 7		10/12/89	5789 BR
✓ 8	WWH	10/2/89	5589 BR <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">B218789</span>
✓ 9	TAL	11/16/89	B218789
✓ 10	TAL	11/16/89	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">B219789</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">9/27/89</span>
✓ 11	WWH	9/27/89	55-89 BE 2/3
✓ 12	WWH	9/26/89	5589-BE 1/3
✓ 13	TAL	10/17/89	5789 BR
✓ 14	TAL	10/17/89	5789 BR <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">12/17/89</span>
✓ 15	TAL	10/18/89	5789 BR
✓ 16	TAL	11/10/89	B218589 1
✓ 17	TAL	11/10/89	B218589 2
✓ 18	TAL	11/10/89	B218589 3
✓ 19	SPC	11/7/89	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">P418289</span> 2
✓ 20	SPC	11/7/89	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">P418289</span> 2
✓ 21	TAL	10/6/89	PZ5089 1
✓ 22	UNMAKED		
✓ 23	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">BMM</span>	9/25/89	PZ5089
✓ 24	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">CMM</span>	9/27/89	PZ5289
✓ 25	TAL	10/11/89	PZ0589
✓ 26	TAL	10/11/89	PZ0589
✓ 27	CMM	10/25/89	5889 BR
✓ 28	CMM	10/25/89	5889 BR
✓ 29	CMM	10/17/89	5889 BR
✓ 30	WWH	10/5/89	5689 BR <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">10/25/89</span>
✓ 31	WWH	10/5/89	5689 BR
✓ 32	CMM	9/22/89	PZ5789
✓ 33	TAL	9/27/89	PZ4289
✓ 34	TAL	10/1/89	PZ5089

9/20/89

CLIENT/SUBJECT \_\_\_\_\_ W.O. NO. \_\_\_\_\_

TASK DESCRIPTION \_\_\_\_\_ TASK NO. \_\_\_\_\_

PREPARED BY _____	DEPT _____	DATE _____	APPROVED BY   DEPT _____ DATE _____
MATH CHECK BY _____	DEPT _____	DATE _____	
METHOD REV. BY _____	DEPT _____	DATE _____	

✓	DEUM No.	NAME	DATE	WGL	
✓	35	TAL	10/6/89	PZ5089	
✓	36	WWH	9/20/89	PZ4989	9/29/89
✓	37	WWH	9/20/89	PZ4989	
✓	38	TAL	10/28/89 ←	PZ4389	
✓	39	TAL	9/28/89	PZ4389	
✓	40	TAL	10/26/89	5989BR	
✓	41	TAL	10/28/89	5989BR	ZOF5
✓	42	TAL	10/26/89	5989BR	
✓	43	TAL	11/1/89	BZ17789	10FZ
✓	44	TAL	11/1/89	BZ17789	ZOF2
✓	45	SPC	9/15/89	PZ6089	
✓	46	SPC	9/13/89	PZ6089	
✓	47	SPC	9/14/89	PZ6089	
✓	48	TAL	9/27/89	PZ4289	
✓	49	TAL	10/12/89	PZ2489	
✓	50	TAL	10/12/89	PZ2489	
✓	51	CMM	9/19/89	PZ5789	
✓	52	CMM	9/19/89	PZ5789	
✓	53	WWH	9/6/89	5689BR	10FZ
	54	UNMARKED			
	55	UNMARKED			
	56	UNMARKED			
✓	57	SPC	9/5/89	P235-89	10
✓	58	WWH	9/22/89	PZ4489	
	59		(12-5-89)	(5489 BR)	
	60	UNMARKED			
✓	61	CMM	11-3-89	P417889	
	62	UNMARKED			
✓	63	SPC	(9-15-89)	PZ6289	
✓	64	SPC	9-15-89	PZ6289	
	65	TAL	9-18-89	PZ8289 ←	Is there a PZ8289?
✓	66	TAL	9-18-89	PZ2089	
✓	67	TAL	11/14/89	BZ18689	ZOF5
✓	68	TAL	11/14/89	BZ18689	10FZ

CLIENT/SUBJECT \_\_\_\_\_ W.O. NO. \_\_\_\_\_

TASK DESCRIPTION \_\_\_\_\_ TASK NO. \_\_\_\_\_

PREPARED BY _____	DEPT _____	DATE _____	APPROVED BY   DEPT _____ DATE _____
MATH CHECK BY _____	DEPT _____	DATE _____	
METHOD REV. BY _____	DEPT _____	DATE _____	

DRUM No	NAME	DATE	WELL
✓ 69	DECON SLUDGE	9/25/89	
✓ 70	DECON SLUDGE	9/25/89	
71	CMM	8/25/89	NO CHECK #
72	SFC	8/12/89	BH 6640789
73	CMM	8/24/89	
74	CMM	8/25/89	
✓ 75	DECON SLUDGE	9/25/89	
76	SFC	9/13/89	P25489
77	SFC	9/13/89	P25489
78	SFC		S
79	CMM		S
80	CMM	8/24/89	
81	SFC	8/23/89	1
✓ 82	CMM	10/11/89	P25189
✓ 83	CMM	10/12/89	P20789
✓ 84	WVH	9/19/89	P26389
85	TAL		SFC
86	TAL	11/14/89	BZ18689
87	SFC	8/23/89	
88	SFC	9/24/89	
89	SFC	9/24/89	
90	SFC	9/13/89	P25489
91	SFC	9/13/89	P25489
✓ 92	SOIL WATER LOW CORRELATION		

10/12/89